

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1 1. (Currently Amended) A computer controlled method comprising:
2 establishing communication between a wireless sensor and a provisioning
3 device over at least one preferred channel, said wireless sensor configured to send a
4 first commitment to said provisioning device over said at least one preferred channel
5 and to receive a second commitment from said provisioning device over said at least
6 one preferred channel;
7 receiving at least one of provisioning information or additional application-
8 specific information, site-specific information, network-specific information, or
9 other information that can be used by the wireless sensor from said provisioning
10 device over said at least one preferred channel, wherein the provisioning
11 information includes a credential and wherein the credential facilitates becoming a
12 member of a secure credential infrastructure; and
13 automatically configuring said wireless sensor for transmitting sensor
14 information over a secure communication channel responsive to said provisioning
15 information.
- 1 2. (Original) The computer controlled method of claim 1, wherein said
2 provisioning information comprises a credential.
- 1 3. (Original) The computer controlled method of claim 1, wherein said
2 provisioning information further comprises one or more of patient data, limit data,

3 alarm data, dosage data, interval data, access data, physician data, caregiver data, nurse
4 data, insurance data or room assignment data.

1 4. (Original) The computer controlled method of claim 3, further comprising
2 transmitting said sensor information over said secure communication channel.

1 5. (Original) The computer controlled method of claim 1, wherein said
2 provisioning information further comprises one or more of sensitivity data, target data,
3 image recognition data, or noise characteristics.

1 6. (Original) The computer controlled method of claim 1, wherein said
2 wireless sensor senses one or more of medical information, location information,
3 proximity information, environmental information, or vehicle information.

1 7. (Currently Amended) A computer-readable storage medium storing
2 instructions that when executed by a computer in a wireless sensor cause the computer
3 to perform a method comprising steps of:

4 establishing communication between said wireless sensor and a provisioning
5 device over at least one preferred channel, said wireless sensor configured to send a
6 first commitment to said provisioning device over said at least one preferred channel
7 and to receive a second commitment from said provisioning device over said at least
8 one preferred channel;

9 receiving at least one of provisioning information or additional application-
10 specific information, site-specific information, network-specific information, or
11 other information that can be used by the wireless sensor from said provisioning
12 device over said at least one preferred channel, wherein the provisioning
13 information includes a credential and wherein the credential facilitates becoming a
14 member of a secure credential infrastructure; and

15 automatically configuring said wireless sensor for transmitting sensor
16 information over a secure communication channel responsive to said provisioning
17 information.

1 8. (Original) The computer-readable storage medium of claim 7, wherein
2 said provisioning information comprises a credential.

1 9. (Original) The computer-readable storage medium of claim 7, wherein said
2 provisioning information further comprises one or more of patient data, limit data,
3 alarm data, dosage data, interval data, access data, physician data, caregiver data, nurse
4 data, insurance data or room assignment data.

1 10. (Original) The computer-readable storage medium of claim 9, further
2 comprising transmitting said sensor information over said secure communication
3 channel.

1 11. (Original) The computer-readable storage medium of claim 7, wherein said
2 provisioning information further comprises one or more of sensitivity data, target data,
3 image recognition data, or noise characteristics.

1 12. (Original) The computer-readable storage medium of claim 7, wherein said
2 wireless sensor senses one or more of medical information, location information,
3 proximity information, environmental information, or vehicle information.

1 13. (Currently Amended) A wireless apparatus comprising:
2 at least one port configured to establish at least one preferred channel;
3 a preferred channel communication mechanism configured to be able to
4 establish communication with a provisioning device over said at least one preferred

5 channel the preferred channel communication mechanism further configured to be
6 able to send a first commitment to said provisioning device over said at least one
7 preferred channel and to be able to receive a second commitment from said
8 provisioning device over said at least one preferred channel:
9 a receiver mechanism configured to be able to receive at least one of
10 provisioning information or additional application-specific information, site-specific
11 information, network-specific information, or other information that can be used by
12 the wireless sensor from said provisioning device over said at least one preferred
13 channel, wherein the provisioning information includes a credential and wherein
14 the credential facilitates becoming a member of a secure credential infrastructure;
15 and
16 an automatic configuration mechanism to enable said wireless sensor to transmit
17 sensor information over a secure communication channel established responsive to
18 said provisioning information.

1 14. (Original) The apparatus of claim 13, wherein said provisioning
2 information comprises a credential.

1 15. (Original) The apparatus of claim 13, wherein said provisioning
2 information further comprises one or more of patient data, limit data, alarm data,
3 dosage data, interval data, access data, physician data, caregiver data, nurse data,
4 insurance data, room assignment data, sensitivity data, target data, image recognition
5 data, activation data, or noise characteristics.

1 16. (Original) The apparatus of claim 15, further comprising a transmission
2 mechanism configured to transmit said sensor information over said secure
3 communication channel.

1 17. (Original) The apparatus of claim 13, wherein wireless apparatus further
2 comprises a sensor for measuring said sensor information.

1 18. (Original) The apparatus of claim 13, wherein said wireless sensor senses
2 one or more of medical information, location information, proximity information,
3 environmental information, or vehicle information.

1 19. (Original) The apparatus of claim 13, wherein said sensor
2 information is status information about the apparatus.

1 20. (Previously presented) The computer controlled method of claim 1,
2 wherein said at least one preferred channel comprises a single preferred channel
3 capable of communicating both from said wireless sensor to said provisioning device
4 and from said provisioning device to said wireless sensor.

1 21. (Previously presented) The computer controlled method of claim 1,
2 wherein said at least one preferred channel comprises two separate channels, including
3 a first preferred channel capable of communicating from said wireless sensor to said
4 provisioning device and a second preferred channel capable of communicating from
5 said provisioning device to said wireless sensor.

1 22. (Previously presented) The computer-readable storage medium of claim
2 7, wherein said at least one preferred channel comprises a single preferred channel
3 capable of communicating both from said wireless sensor to said provisioning device
4 and from said provisioning device to said wireless sensor.

1 23. (Previously presented) The computer-readable storage medium of claim 7,
2 wherein said at least one preferred channel comprises two separate channels, including

3 a first preferred channel capable of communicating from said wireless sensor to said
4 provisioning device and a second preferred channel capable of communicating from
5 said provisioning device to said wireless sensor.

1 24. (Previously presented) The apparatus of claim 13, wherein said at least one
2 preferred channel

3 comprises a single preferred channel capable of communicating both from said
4 wireless sensor to said provisioning device and from said provisioning device to said
5 wireless sensor.

1 25. (Previously presented) The apparatus of claim 13, wherein said at least one
2 preferred channel comprises two separate channels, including a first preferred channel
3 capable of communicating from said wireless sensor to said provisioning device and a
4 second preferred channel capable of communicating from said provisioning device to
5 said wireless sensor.